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=> S (ERGOT)

L1 5333 (ERGOT)

=> S L1 AND (TOLUENE)

178012 TOLUENE

L2 35 L1 AND (TOLUENE)

=> S L1 AND (TOLUENE AND EXTRACT)

178012 TOLUENE

46853 EXTRACT

L3 1 L1 AND (TOLUENE AND EXTRACT)

=> d l3 ibib

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1909:9426 CAPLUS Full-text

DOCUMENT NUMBER: 3:9426

ORIGINAL REFERENCE NO.: 3:1757c-h

TITLE: Pharmacological Properties of the Placenta

AUTHOR(S): Higuchi, S.

CORPORATE SOURCE: Rostock;Tokio

SOURCE: Biochemische Zeitschrift (1909), 17, 21-67  
CODEN: BIZEA2; ISSN: 0366-0753  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

=> d l3 ibib abs

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1909:9426 CAPLUS Full-text  
DOCUMENT NUMBER: 3:9426  
ORIGINAL REFERENCE NO.: 3:1757c-h  
TITLE: Pharmacological Properties of the Placenta  
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CORPORATE SOURCE: Rostock;Tokio  
SOURCE: Biochemische Zeitschrift (1909), 17, 21-67  
CODEN: BIZEA2; ISSN: 0366-0753  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

AB Human placental suspension was tested in regard to its ability to decompose glucosides, alkaloids, and esters, and was also tested for specific actions in the animal body. For the experiments in vitro, toluene and CHCl<sub>3</sub> were found to serve well as antiseptics, while NaF was unsuitable, as in small amounts it both interfered with enzyme action and failed to prevent bacterial growth. Hydrolysis of Glucosides.-Amygdalin, which yields glucose, benzaldehyde and HCN, was decomposed by placental suspension, and by filtrate from the latter. When the toluene and CHCl<sub>3</sub> used as antiseptics were replaced by NaF or formalin, the amygdalin splitting were inhibited. Arbutin, which yields glucose and hydroquinone, was hydrolyzed by the suspension. Dried placenta or the alc.-ether extract of the suspension was inactive. Salicin was split into glucose and saligenin by the suspension, and helicin into glucose and salicyl aldehyde. The placenta, in decomposing these glucosides, showed action similar to that of kidney and liver tissues. Sapotoxin, helleborin, and strophanthin were not hydrolyzed, although sapotoxin was deprived of its haemolytic power, apparently by a combination with its toxophore group. The placenta contains enzymes capable of hydrolyzing some but not all glucosides. Decomposition of Alkaloids.-Morphine, strychnine, and aconitine were not destroyed, but the two latter are shown by test on frogs to be weakened in activity. Saponification of Esters.-Salol, the phenol ester of salicylic acid, and tannigen, the diacetyl ester of tannic acid, are saponified. Liver, kidney and brain act like placenta on salol, and at least the liver on tannigen. Composition and Action of Extract and Expressed Juice of Placenta.-No poisonous effect could be detected after intravenous injection into either pregnant or non-pregnant rabbits. No contraction of the uterus was caused in the former. Blood pressure was not increased. No haemolysin could be isolated. The normal human placenta does not contain toxins, saponin-like substances, nor analogues of ergot or adrenaline.

=> s l2 not (2007/so or 2006/so)  
654111 2007/SO  
897382 2006/SO

L4 35 L2 NOT (2007/SO OR 2006/SO)

=> S (ERGOT)  
L5 5333 (ERGOT)

=> S L5 AND (EXTRACT)

46853 EXTRACT  
 L6 91 L5 AND (EXTRACT)  
  
 => S L5 AND (EXTRACTION)  
 164233 EXTRACTION  
 L7 59 L5 AND (EXTRACTION)  
  
 => S L5 AND (EXTRACTED)  
 20245 EXTRACTED  
 L8 7 L5 AND (EXTRACTED)  
  
 => S L5 AND (EXTRACT?)  
 334657 EXTRACT?  
 L9 246 L5 AND (EXTRACT?)  
  
 => s 19 not (2007/so or 2006/so)  
 654111 2007/SO  
 897382 2006/SO  
 L10 243 L9 NOT (2007/SO OR 2006/SO)  
  
 => s 110 and toluene  
 178012 TOLUENE  
 L11 3 L10 AND TOLUENE  
  
 => s 110 and benzene  
 318595 BENZENE  
 L12 8 L10 AND BENZENE  
  
 => s 110 and xylene  
 111852 XYLENE  
 L13 0 L10 AND XYLENE  
  
 => s 110 and hydrocarbon solvent  
 344495 HYDROCARBON  
 718233 SOLVENT  
 6982 HYDROCARBON SOLVENT  
 (HYDROCARBON(W) SOLVENT)  
 L14 0 L10 AND HYDROCARBON SOLVENT  
  
 => s 110 and aromatic solvent  
 240400 AROMATIC  
 718233 SOLVENT  
 664 AROMATIC SOLVENT  
 (AROMATIC(W) SOLVENT)  
 L15 0 L10 AND AROMATIC SOLVENT  
  
 => s 110 and 111 and 112  
 L16 0 L10 AND L11 AND L12  
  
 => s 110 or 111 or 112  
 L17 243 L10 OR L11 OR L12  
  
 => s 117 and alkaloid  
 57140 ALKALOID  
 L18 82 L17 AND ALKALOID  
  
 => s 117 and ergot alkaloid  
 5333 ERGOT  
 57140 ALKALOID  
 1586 ERGOT ALKALOID

Et2O (= 0.2 g. fluidext.) and treat as above. Extract.-Dissolve with trituration 0.2 g. of the extract, in 10 cc. H2O, add 20 cc. (I) and make alkaline with 1-2 drops of (II) or (III). Shake vigorously for some min. and treat the Et2O layer as before. The test will detect 0.05% alkaloids in the drug and extract and 0.025% in the fluidextract.

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L1 5333 S (ERGOT)  
L2 35 S L1 AND (TOLUENE)  
L3 1 S L1 AND (TOLUENE AND EXTRACT)  
L4 35 S L2 NOT (2007/SO OR 2006/SO)  
L5 5333 S (ERGOT)  
L6 91 S L5 AND (EXTRACT)  
L7 59 S L5 AND (EXTRACTION)  
L8 7 S L5 AND (EXTRACTED)  
L9 246 S L5 AND (EXTRACT?)  
L10 243 S L9 NOT (2007/SO OR 2006/SO)  
L11 3 S L10 AND TOLUENE  
L12 8 S L10 AND BENZENE  
L13 0 S L10 AND XYLENE  
L14 0 S L10 AND HYDROCARBON SOLVENT  
L15 0 S L10 AND AROMATIC SOLVENT  
L16 0 S L10 AND L11 AND L12  
L17 243 S L10 OR L11 OR L12  
L18 82 S L17 AND ALKALOID  
L19 27 S L17 AND ERGOT ALKALOID

=> s l11 or l12

L20 11 L11 OR L12

=> d l20 ibib hitstr 1-11

L20 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1974:124656 CAPLUS Full-text

DOCUMENT NUMBER: 80:124656

TITLE: Secalis cornuta. IV. Evaluation of indigenous extraction of total alkaloids with ethanol

AUTHOR(S): Mascov, V.; Nichiforescu, Ecaterina; Rosca, Lellya; Rizescu, Constanta; Velea, I.

CORPORATE SOURCE: Fabr. Med. "Biofarm", Rom.

SOURCE: Farmacia (Bucharest, Romania) (1973), 21(9), 557-66

CODEN: FRMBAZ; ISSN: 0014-8237

DOCUMENT TYPE: Journal

LANGUAGE: Romanian

L20 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1974:24799 CAPLUS Full-text

DOCUMENT NUMBER: 80:24799

TITLE: Value of the indigenous variety of Secalis cornuta. II. Total alkaloid extraction with benzene

AUTHOR(S): Mascov, V.; Rosca, Lellya

CORPORATE SOURCE: Rom.

and their derivatives are physiologically completely inactive. The two alkaloids, the Ergotinine and Hydroergotinine, are cramp and gangrene producing poisons, not however the carriers of the specific, Uterus contraction causing ergot effect. The ergot bodies of KOBERT and JAKOBJ are not chemical individuals, but mixture changeable nature of the above pure substances, which owe their physiological effectiveness all to the alkaloids, mainly the Hydroergotinine. The Cornutin KELLERS and the secalin JAKOBJS are identical to Ergotinine.

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L1 5333 S (ERGOT)  
L2 35 S L1 AND (TOLUENE)  
L3 1 S L1 AND (TOLUENE AND EXTRACT)  
L4 35 S L2 NOT (2007/SO OR 2006/SO)  
L5 5333 S (ERGOT)  
L6 91 S L5 AND (EXTRACT)  
L7 59 S L5 AND (EXTRACTION)  
L8 7 S L5 AND (EXTRACTED)  
L9 246 S L5 AND (EXTRACT?)  
L10 243 S L9 NOT (2007/SO OR 2006/SO)  
L11 3 S L10 AND TOLUENE  
L12 8 S L10 AND BENZENE  
L13 0 S L10 AND XYLENE  
L14 0 S L10 AND HYDROCARBON SOLVENT  
L15 0 S L10 AND AROMATIC SOLVENT  
L16 0 S L10 AND L11 AND L12  
L17 243 S L10 OR L11 OR L12  
L18 82 S L17 AND ALKALOID  
L19 27 S L17 AND ERGOT ALKALOID  
L20 11 S L11 OR L12

=> s l10 and ethanol

283922 ETHANOL

L21 4 L10 AND ETHANOL

=> d l21 ibib abs 1-4

L21 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:869683 CAPLUS Full-text

DOCUMENT NUMBER: 123:266087

TITLE: Method for extracting drugs from plant materials

INVENTOR(S): Klein-Bischoff, Uta; Klumpp, Ursula Fernsel; Steiner, Rudolf; Eberle, Gigas

PATENT ASSIGNEE(S): Germany

SOURCE: Ger. Offen., 7 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE